

System Architecture

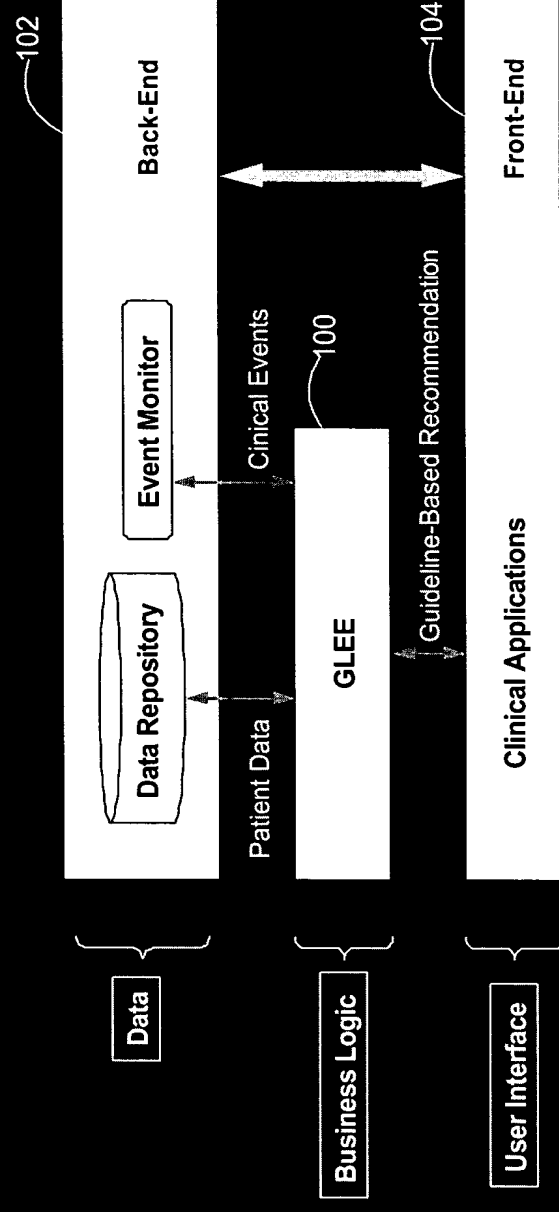


Fig. 1

Internal Structure

The diagram illustrates the internal structure of the GLEE system. It features a central dashed box labeled 'GLEE' containing the following components:

- 202** Guideline Repository (cylinder)
- 204** Trace Record (cylinder)
- 206** Clinical Data Repository (cylinder)
- 208** Clinical Event Monitor (rectangle)
- 220** GLIF3 Model (rectangle)
- 212** GLEE Server (rectangle)
- 214** GLEE Client (rectangle, shown as a stack of three)

External components and their connections:

- 102** Back-End Interface (rectangle) connects to the Clinical Data Repository (206) and Clinical Event Monitor (208).
- 100** Front-End Interface (rectangle) connects to the GLEE Client (214).
- 210** Physician Order Entry (rectangle) connects to the GLEE Client (214).
- 216** GLEE's Standalone User Interface (rectangle) connects to the GLEE Client (214).

Arrows indicate the flow of data and control between these components.

Fig. 2

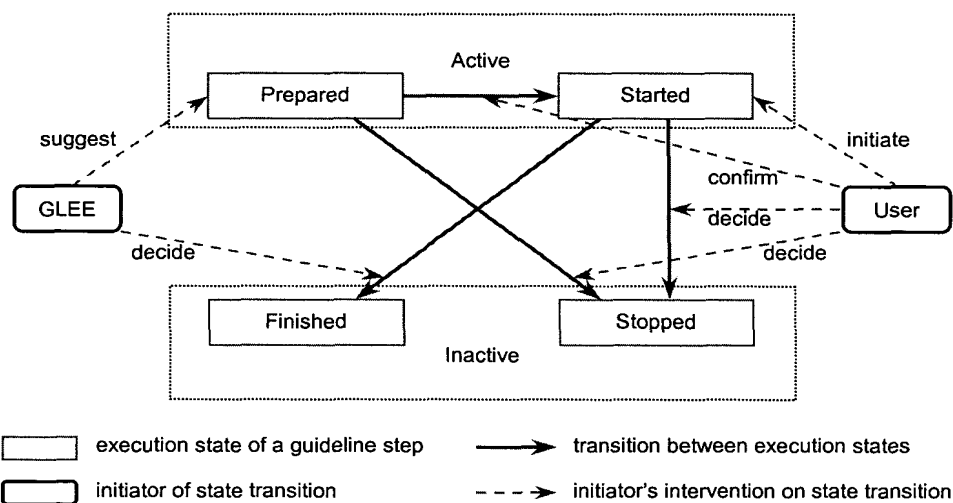


Fig. 3

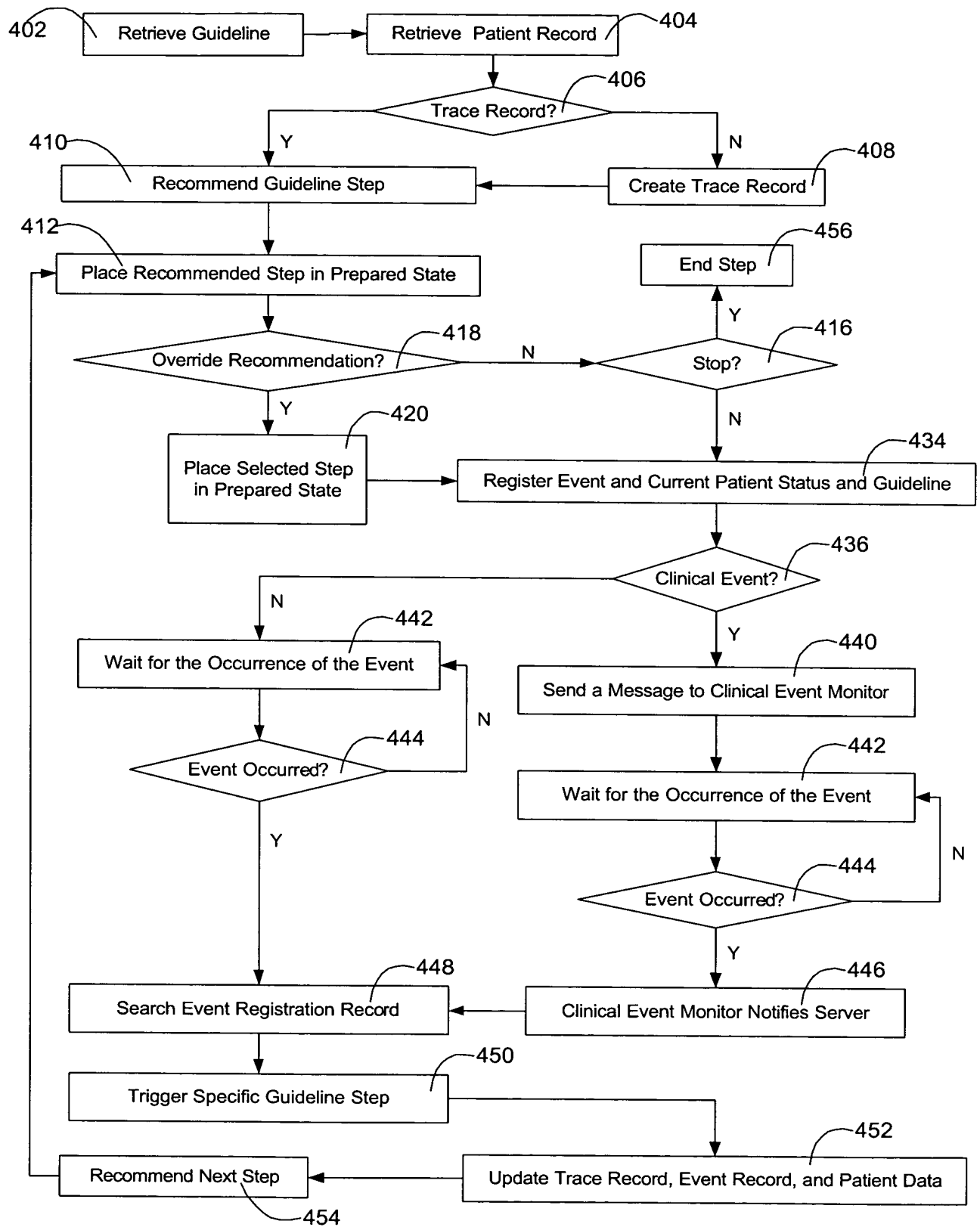


Fig. 4

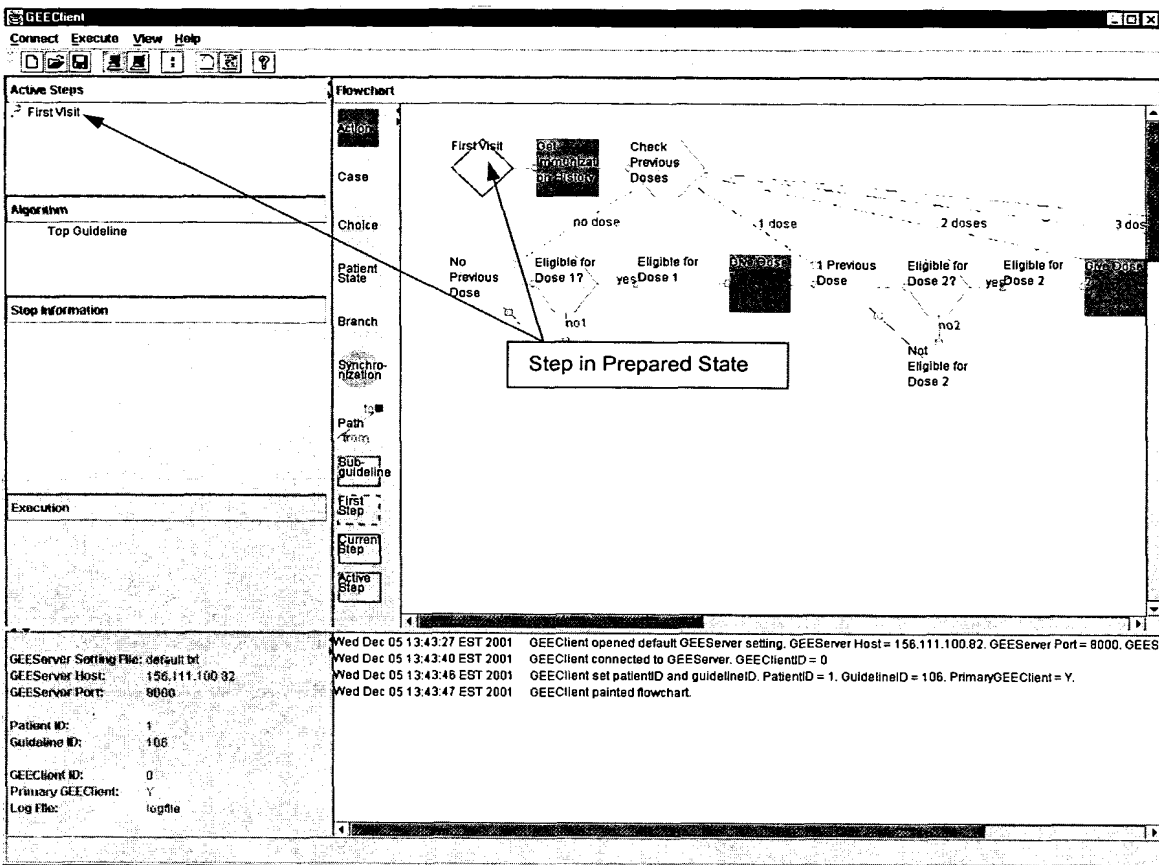


Fig. 5

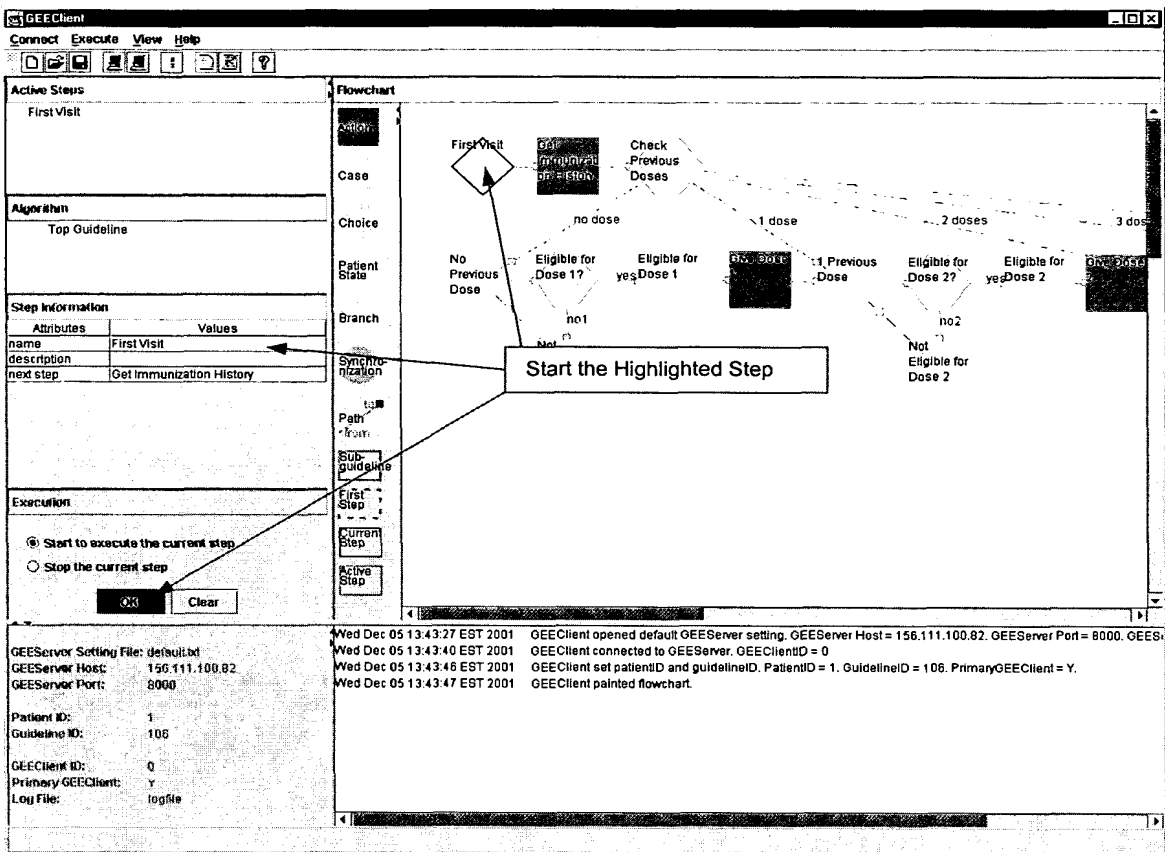


Fig. 6

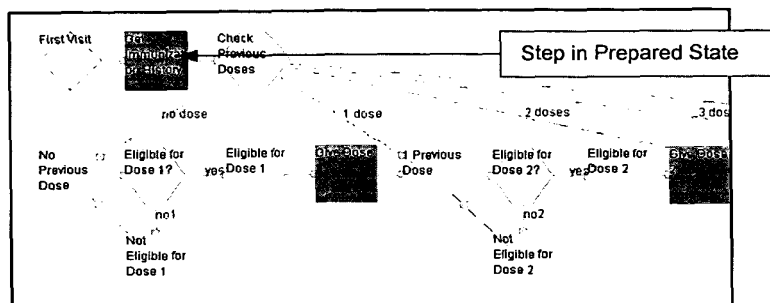


Fig. 7

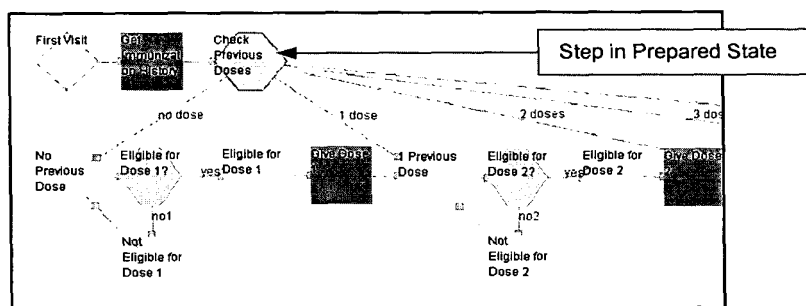


Fig. 8

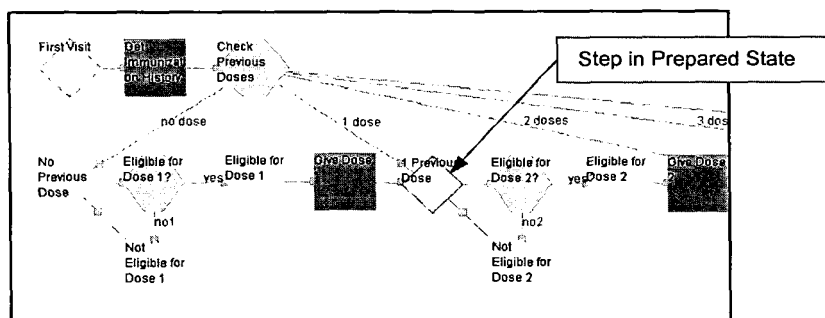


Fig. 9

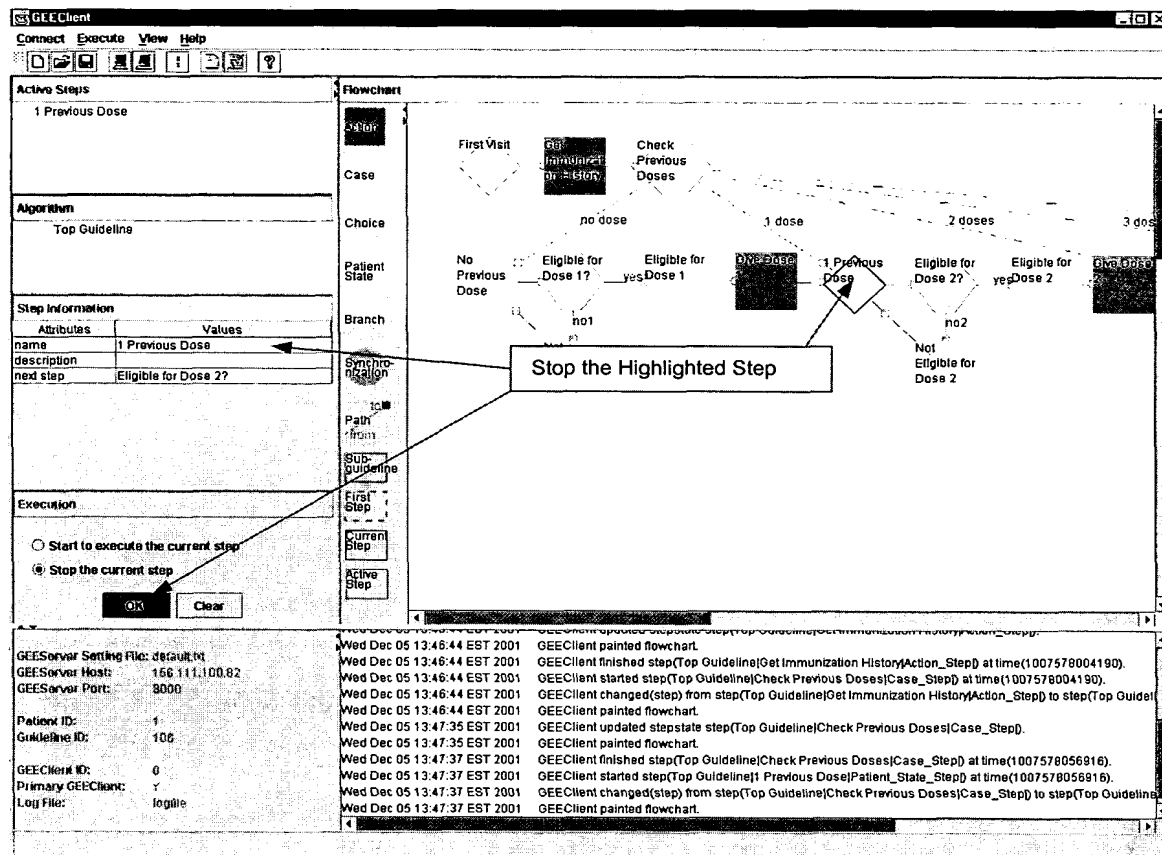
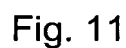


Fig. 10



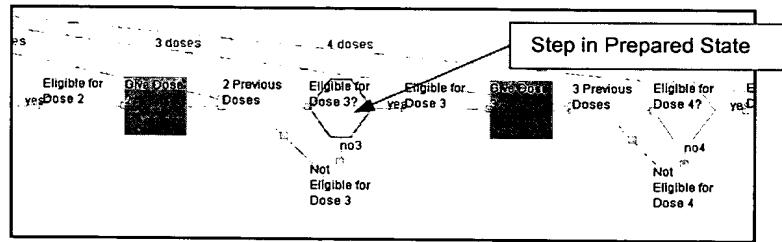


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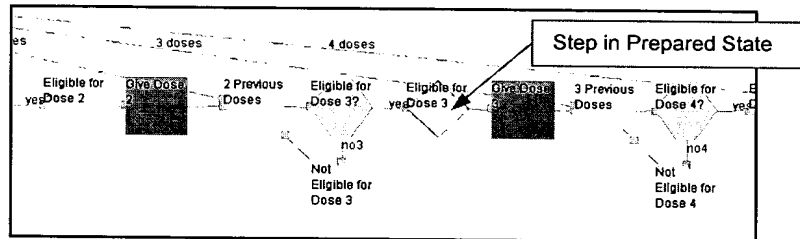


Fig. 13

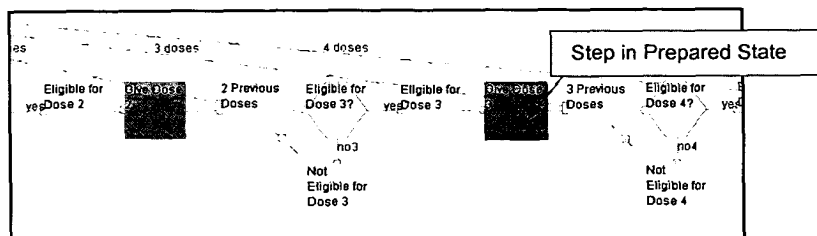


Fig. 14

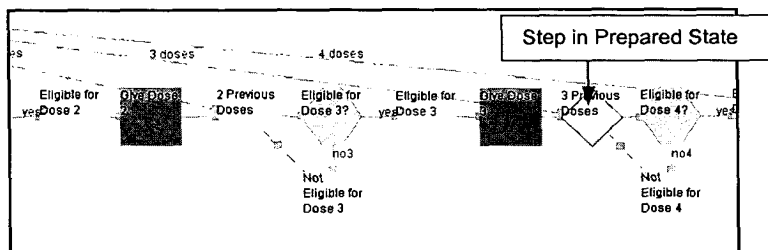


Fig. 15

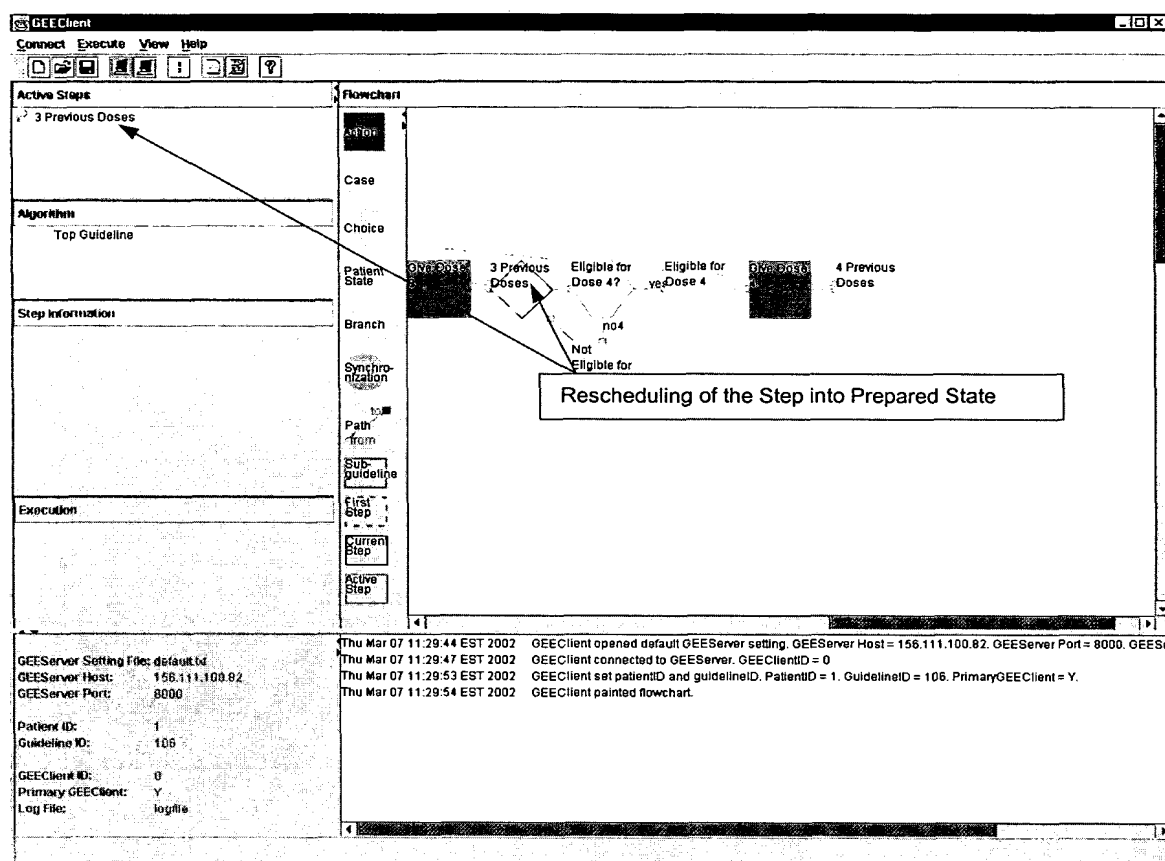


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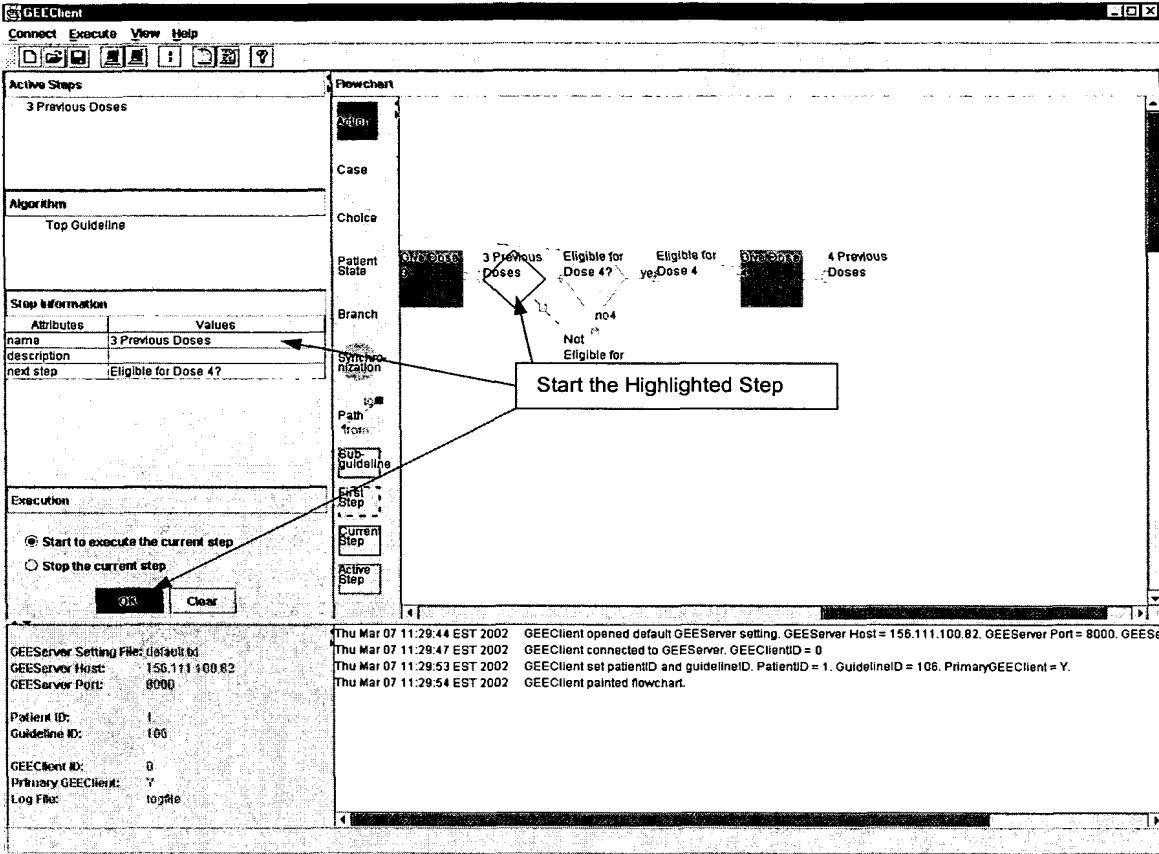


Fig. 17

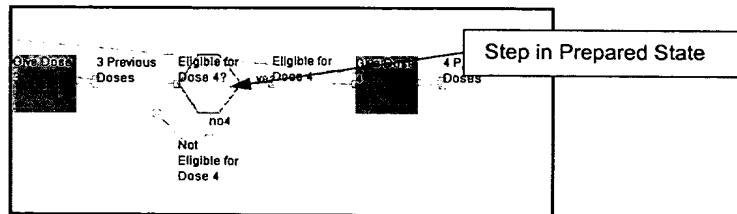


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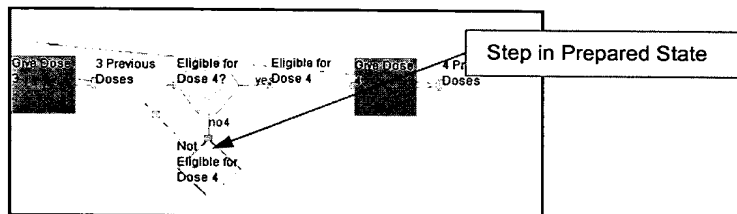


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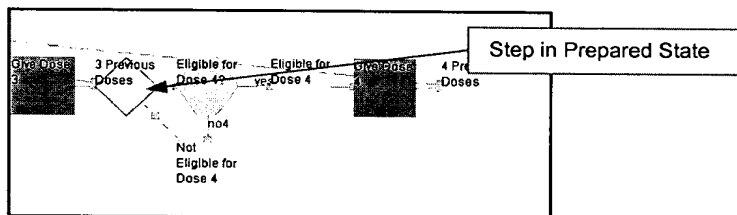


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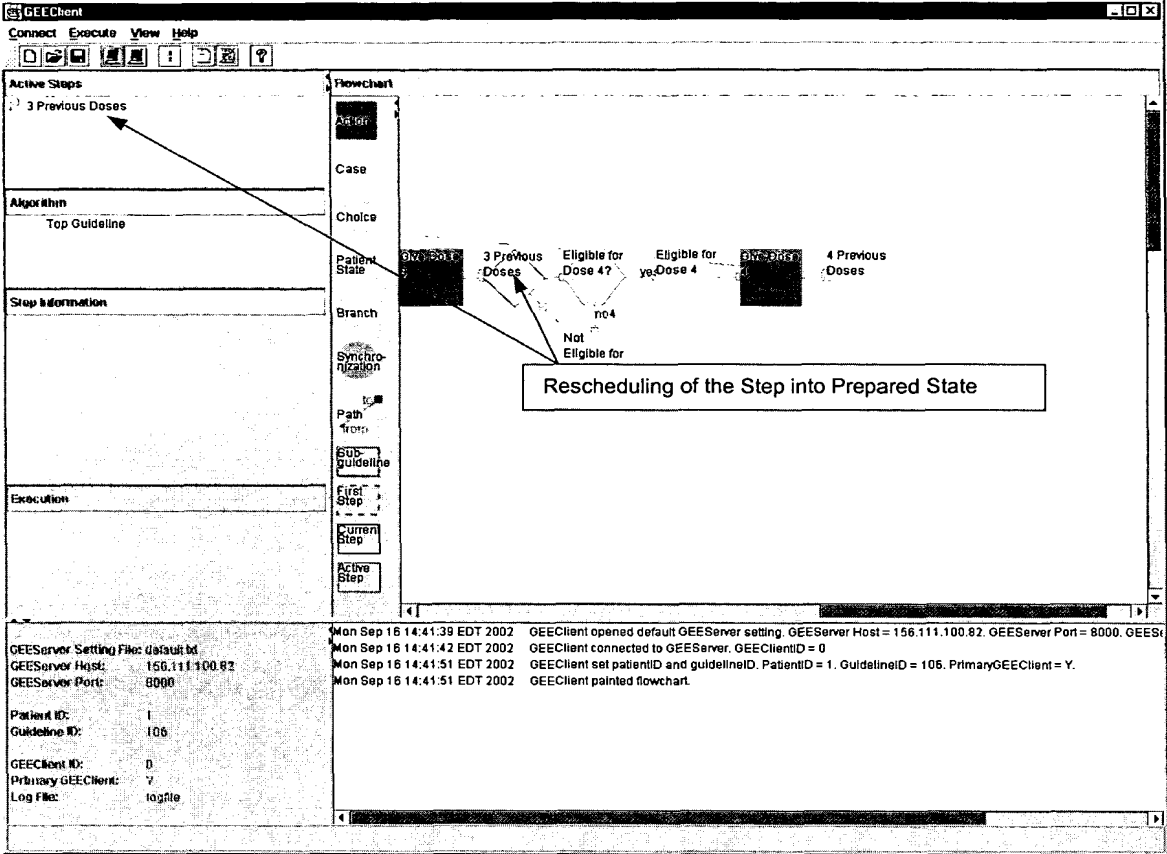


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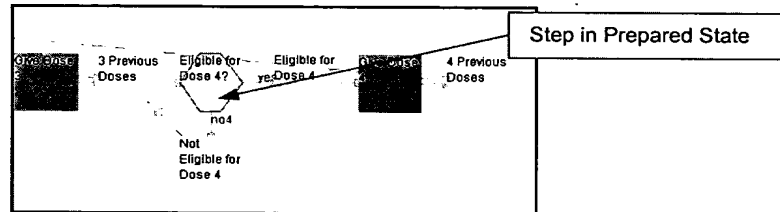


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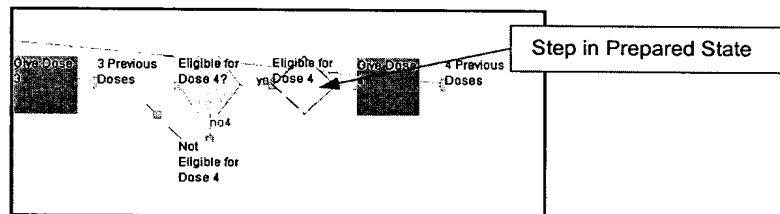


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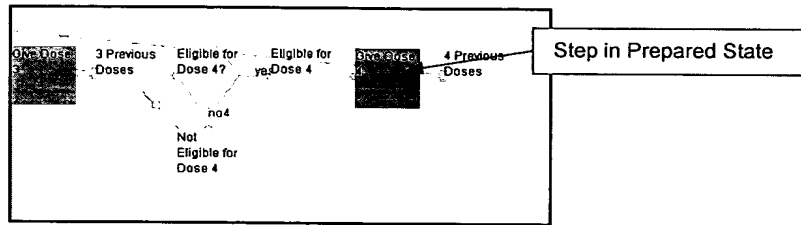


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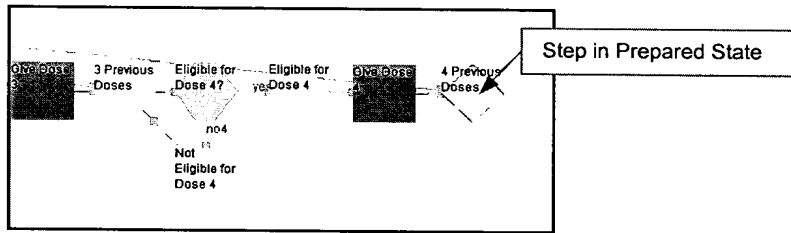


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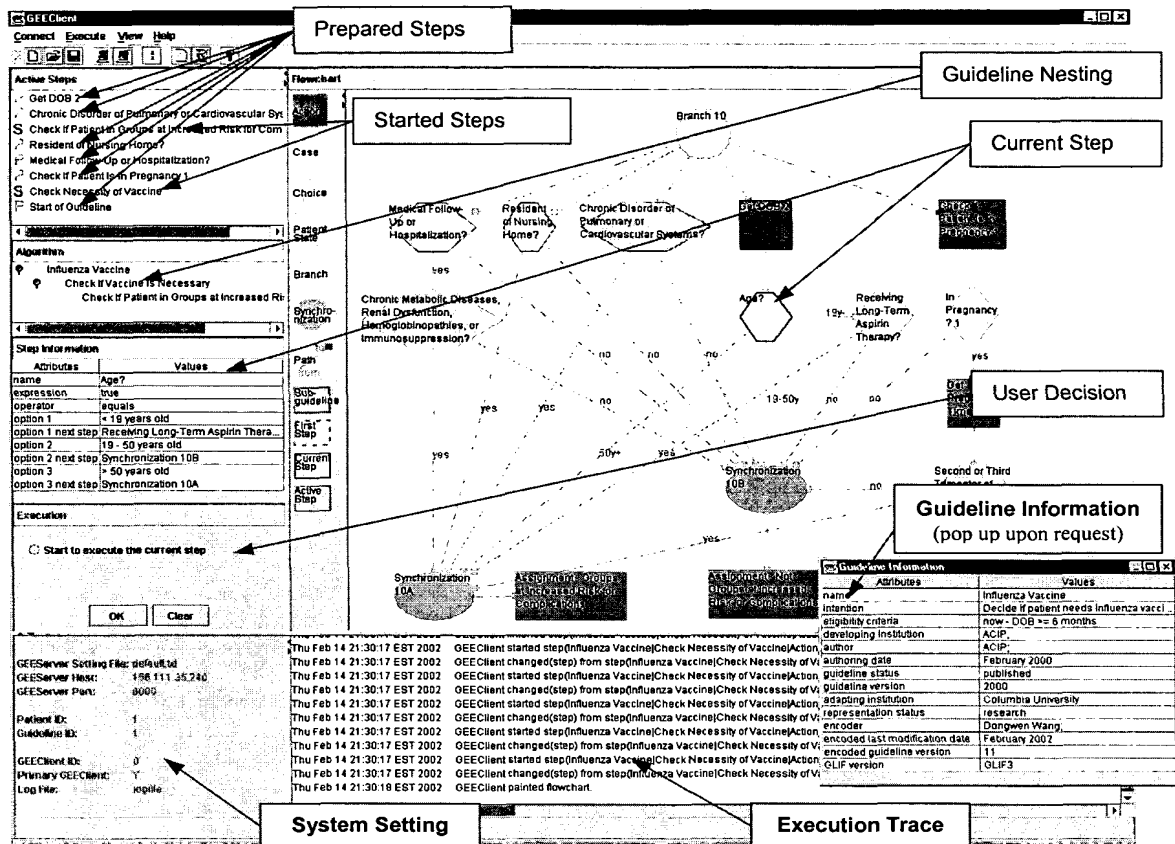


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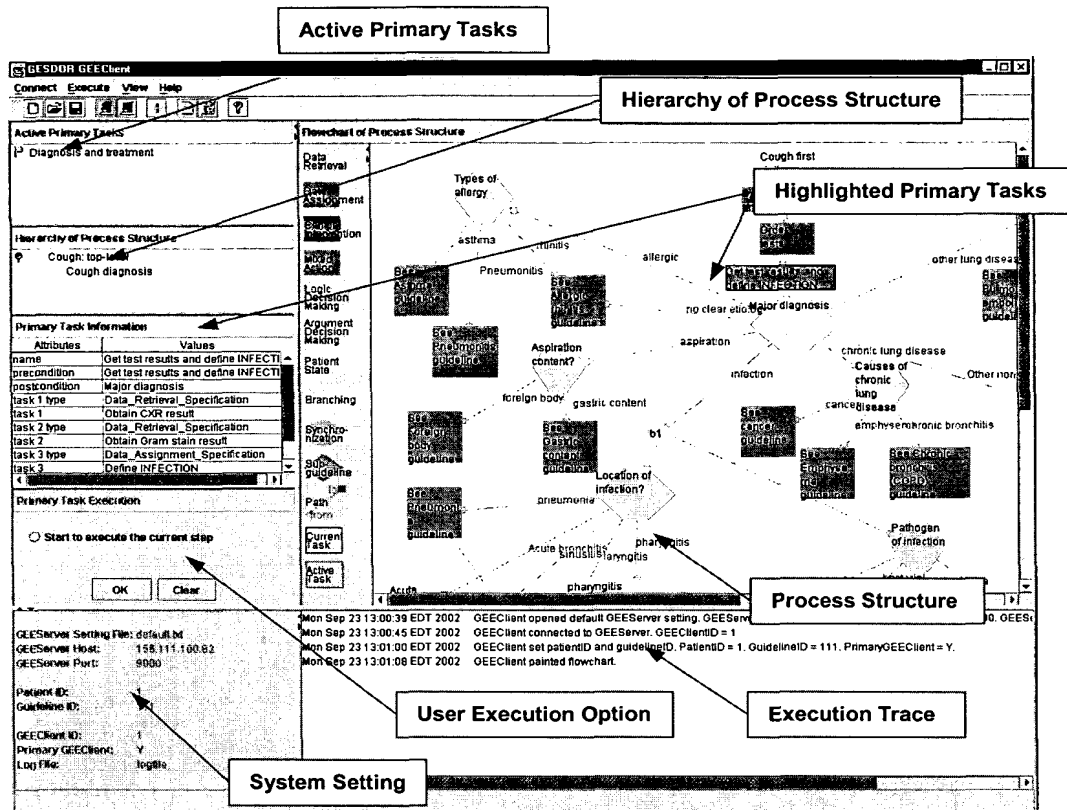


Fig. 27

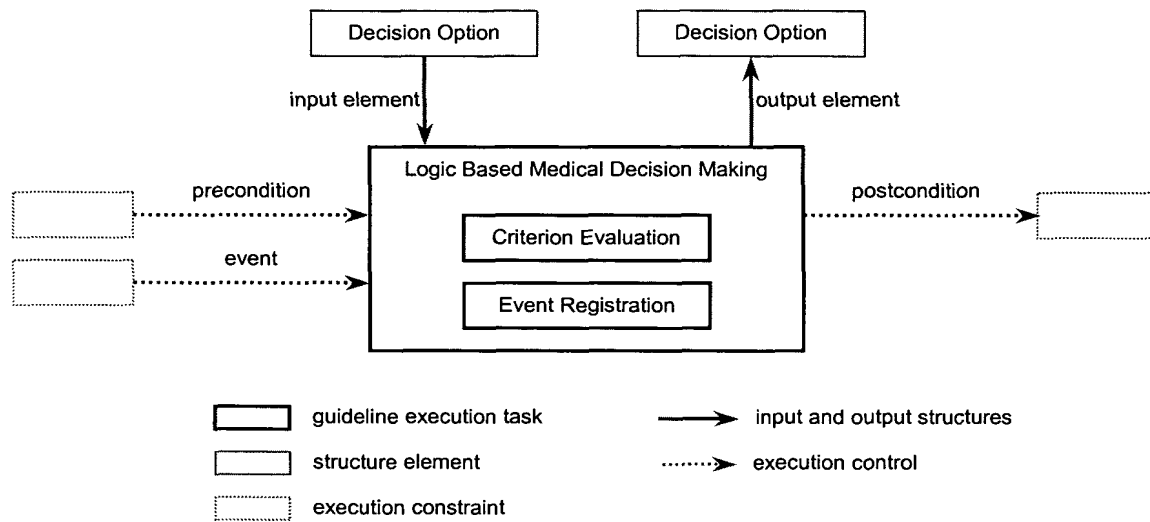


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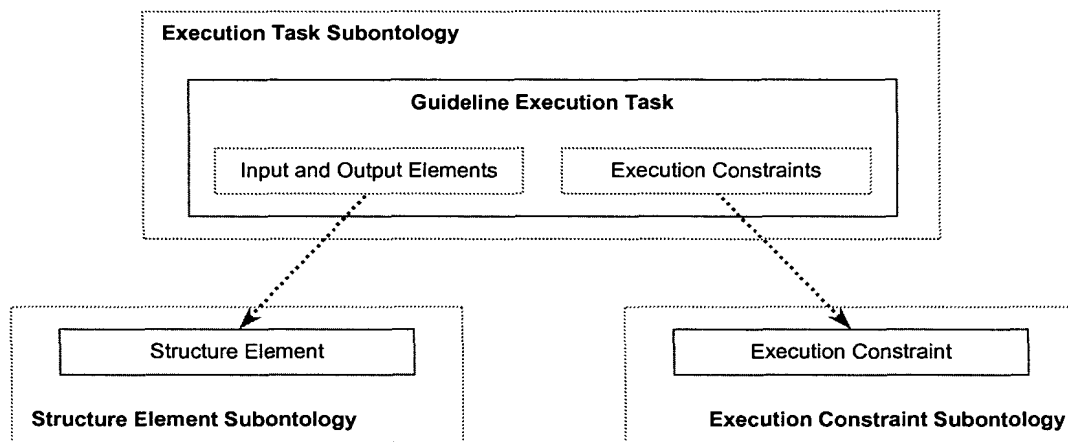


Fig. 29

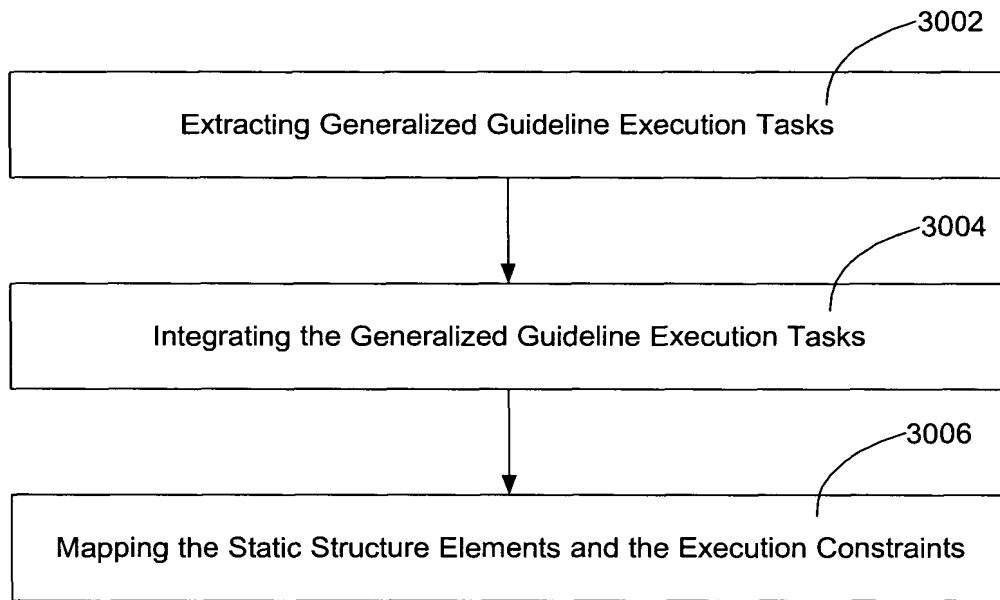


Fig. 30

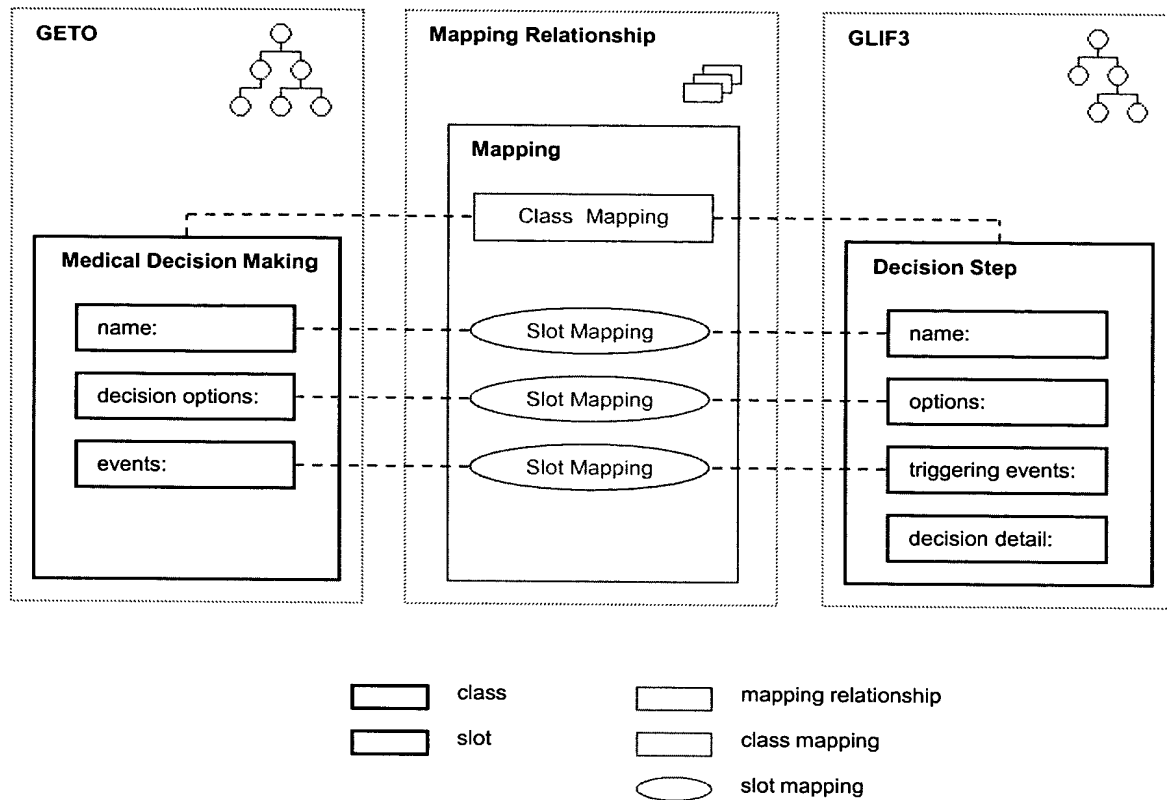


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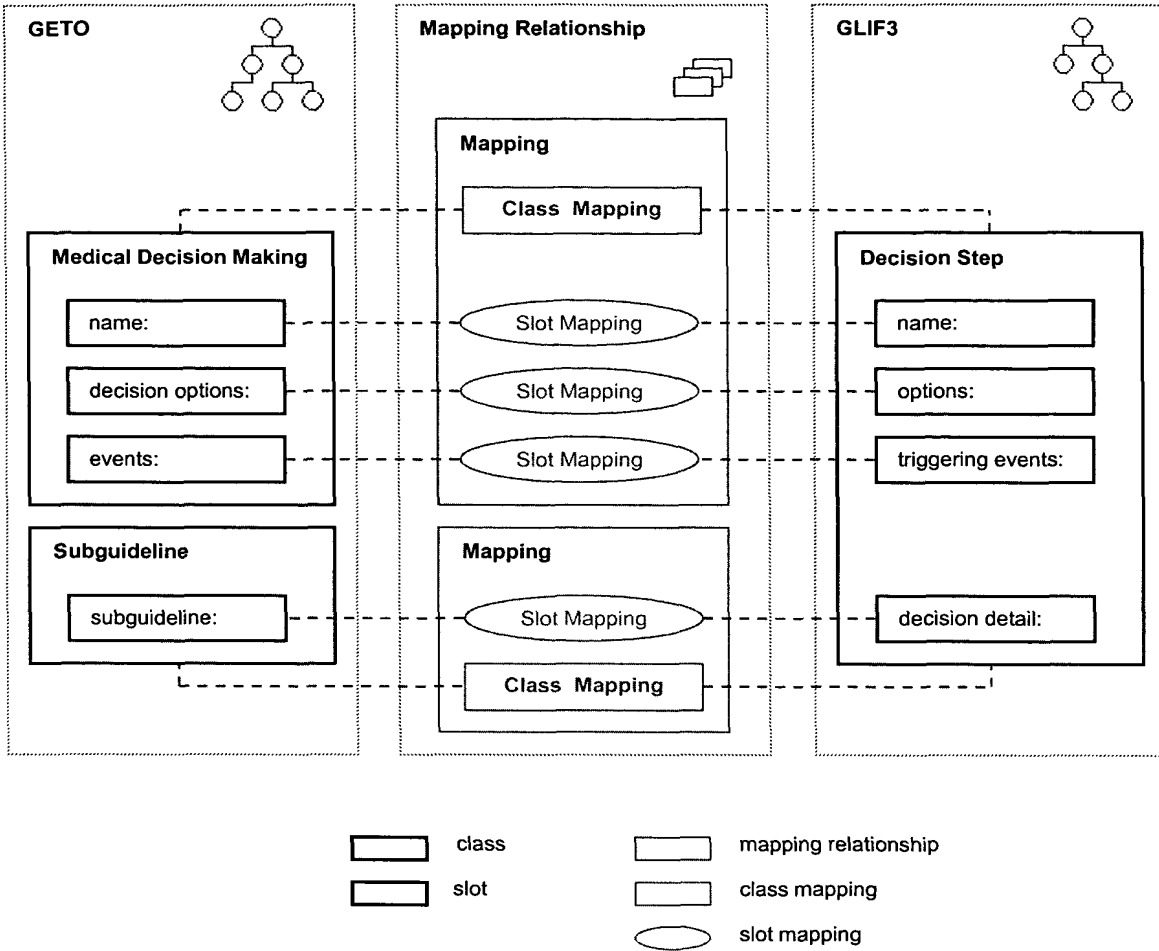


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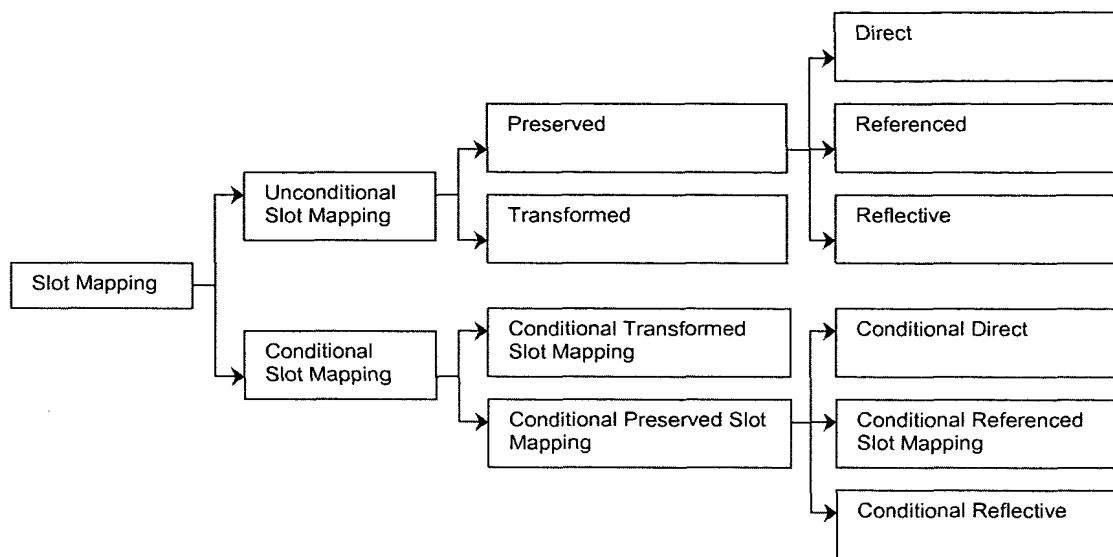


Fig. 33

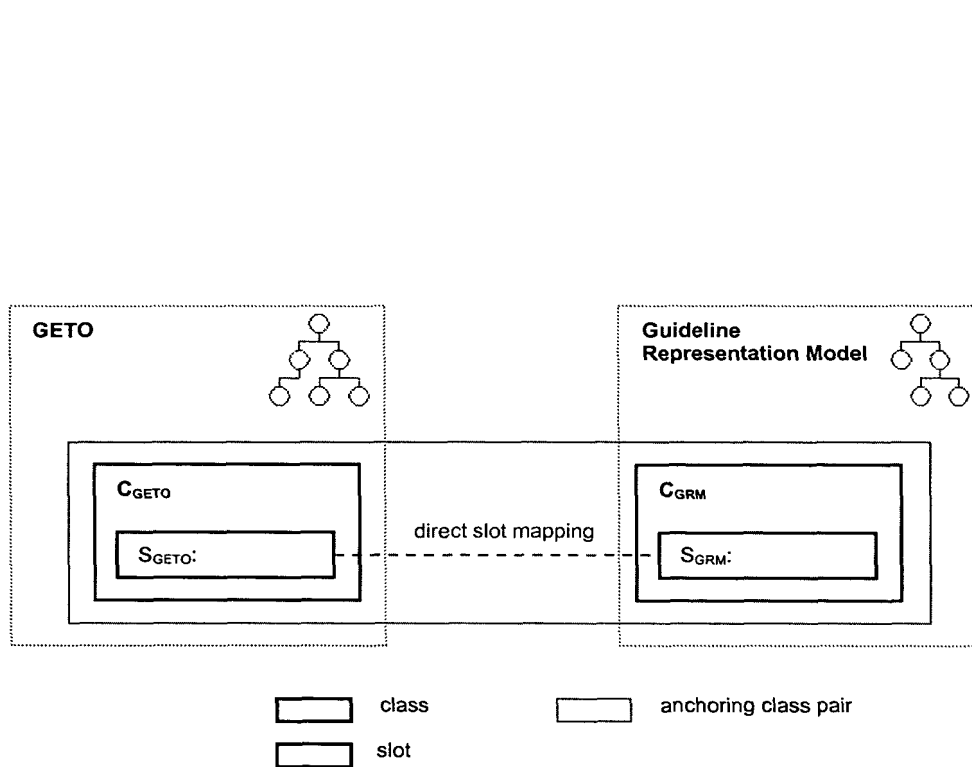


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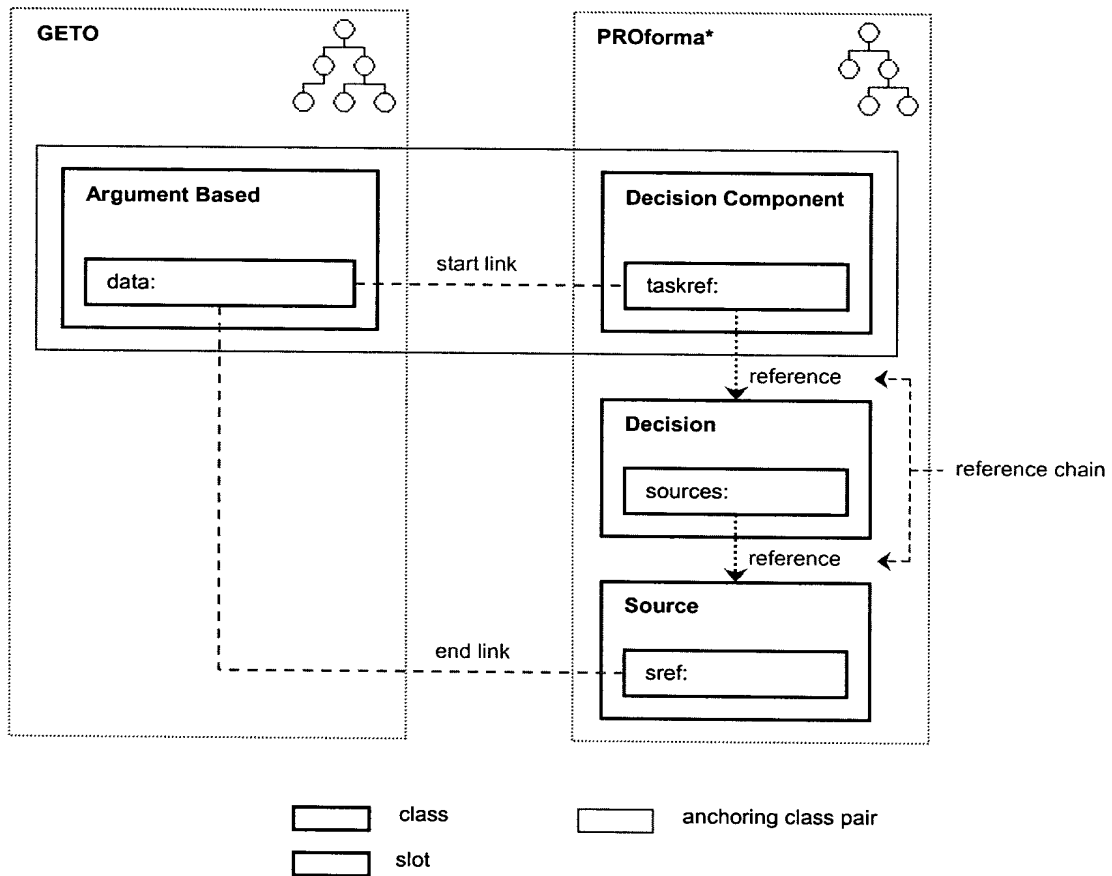


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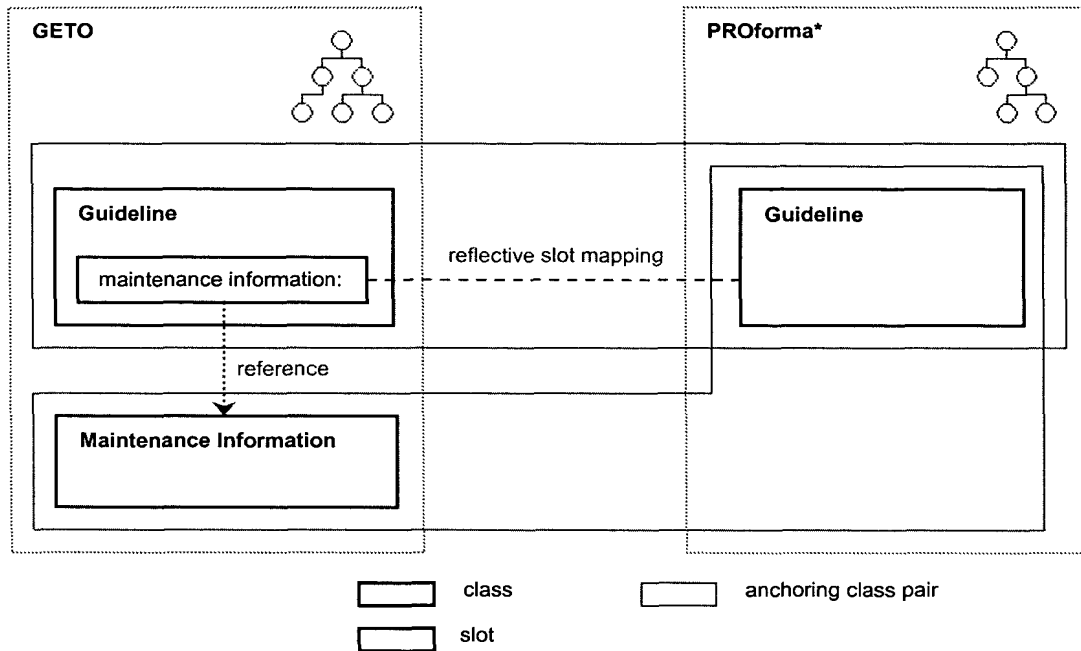


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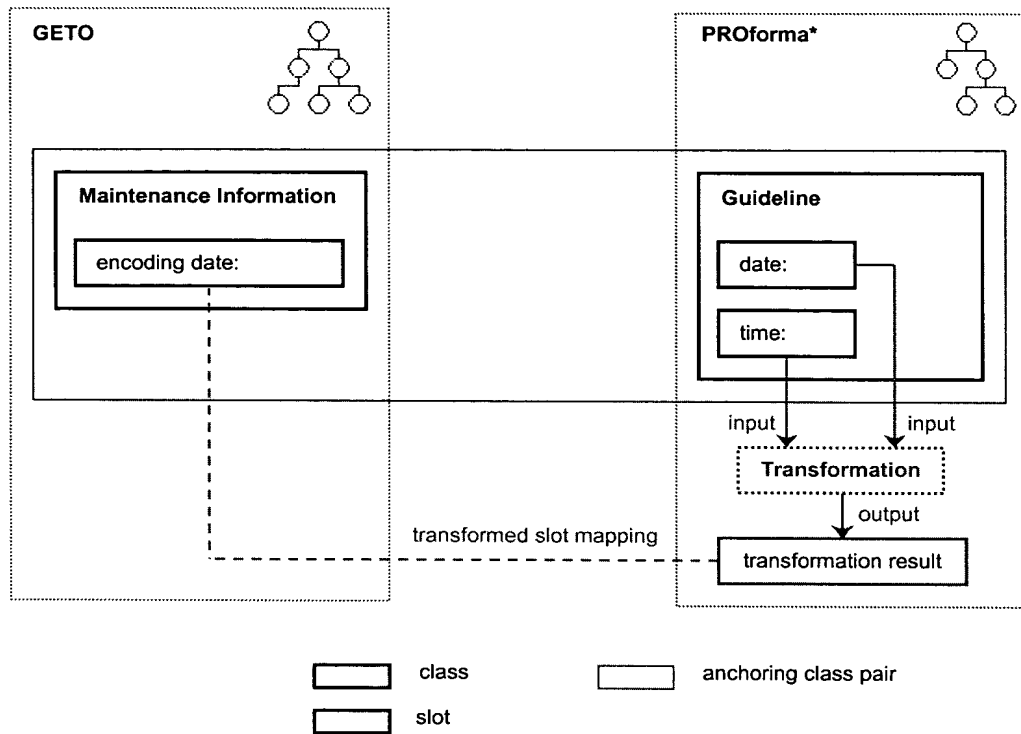


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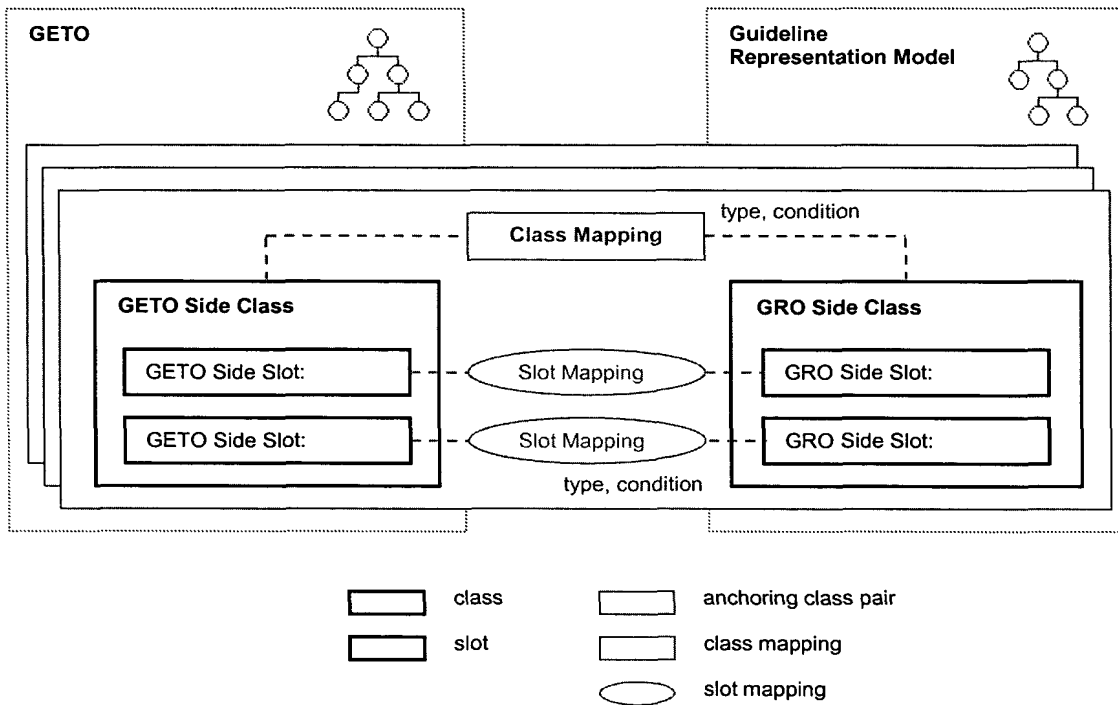


Fig. 38

Overview of the GESDOR Model

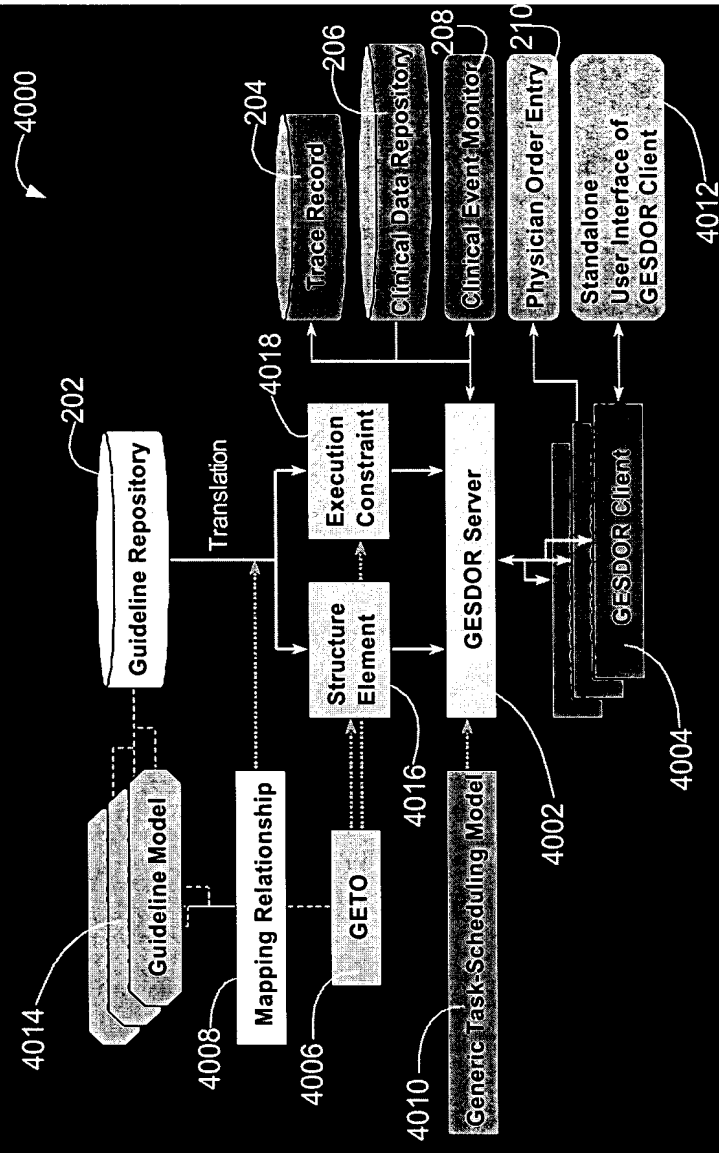


Fig. 40

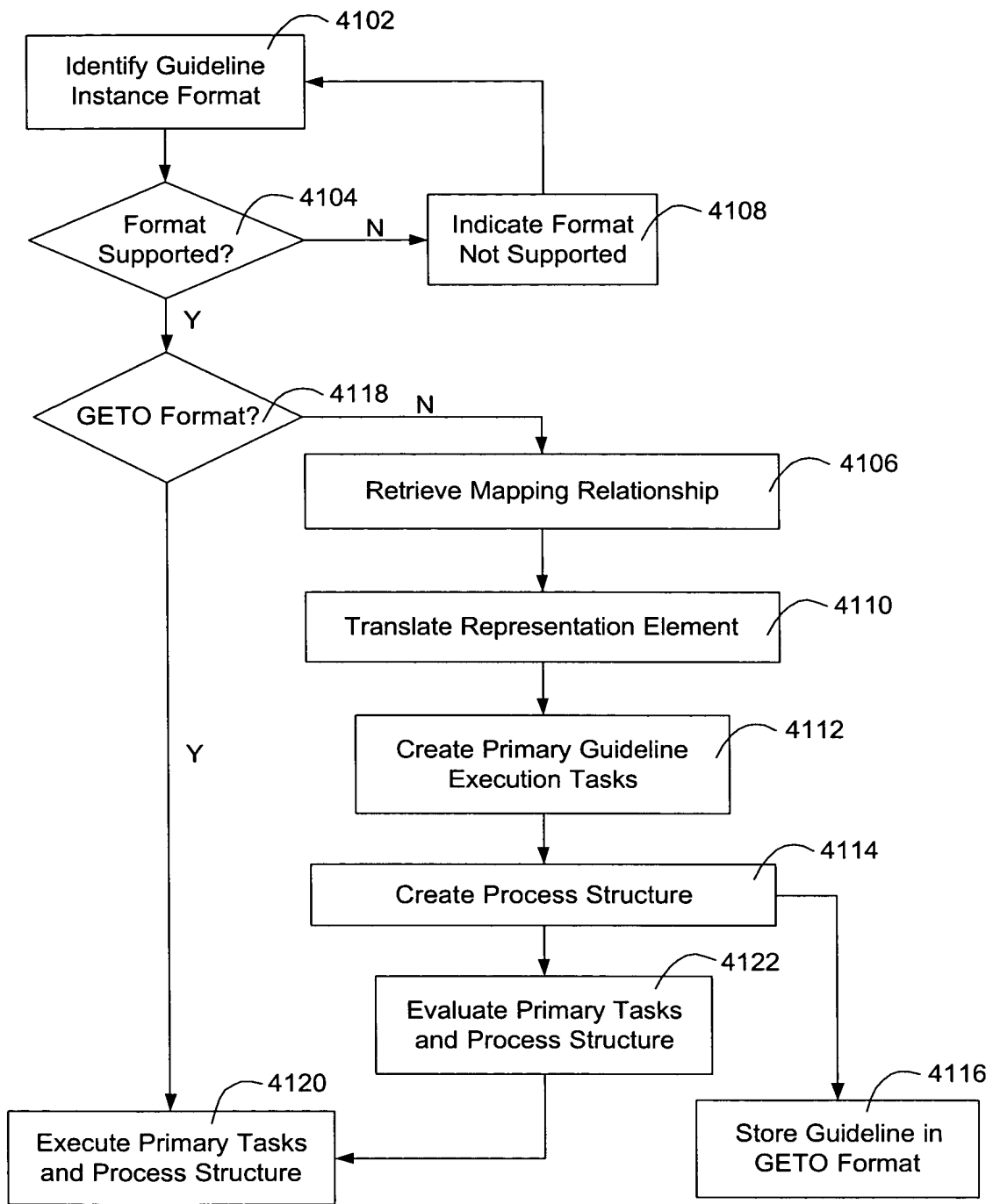


Fig. 41

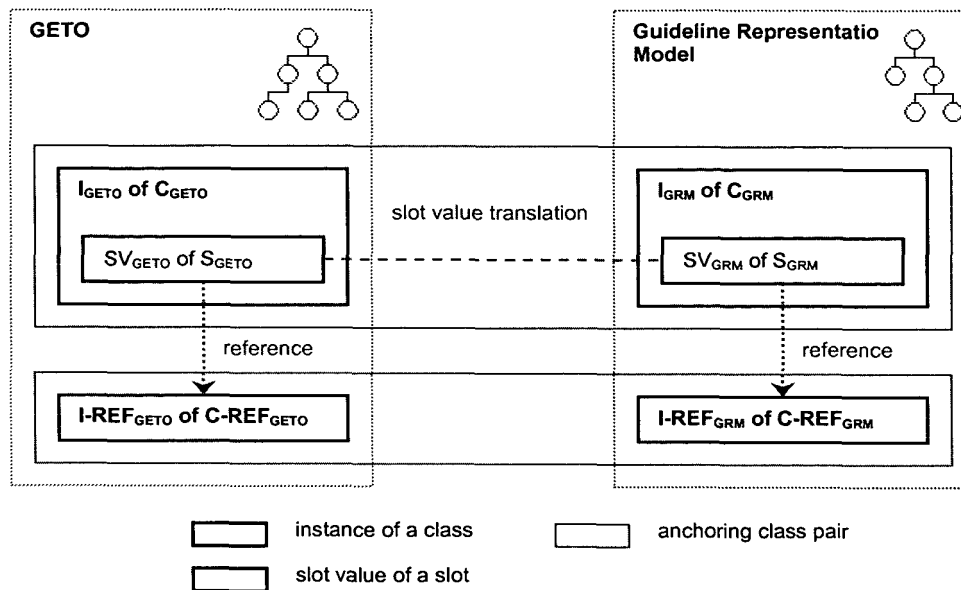


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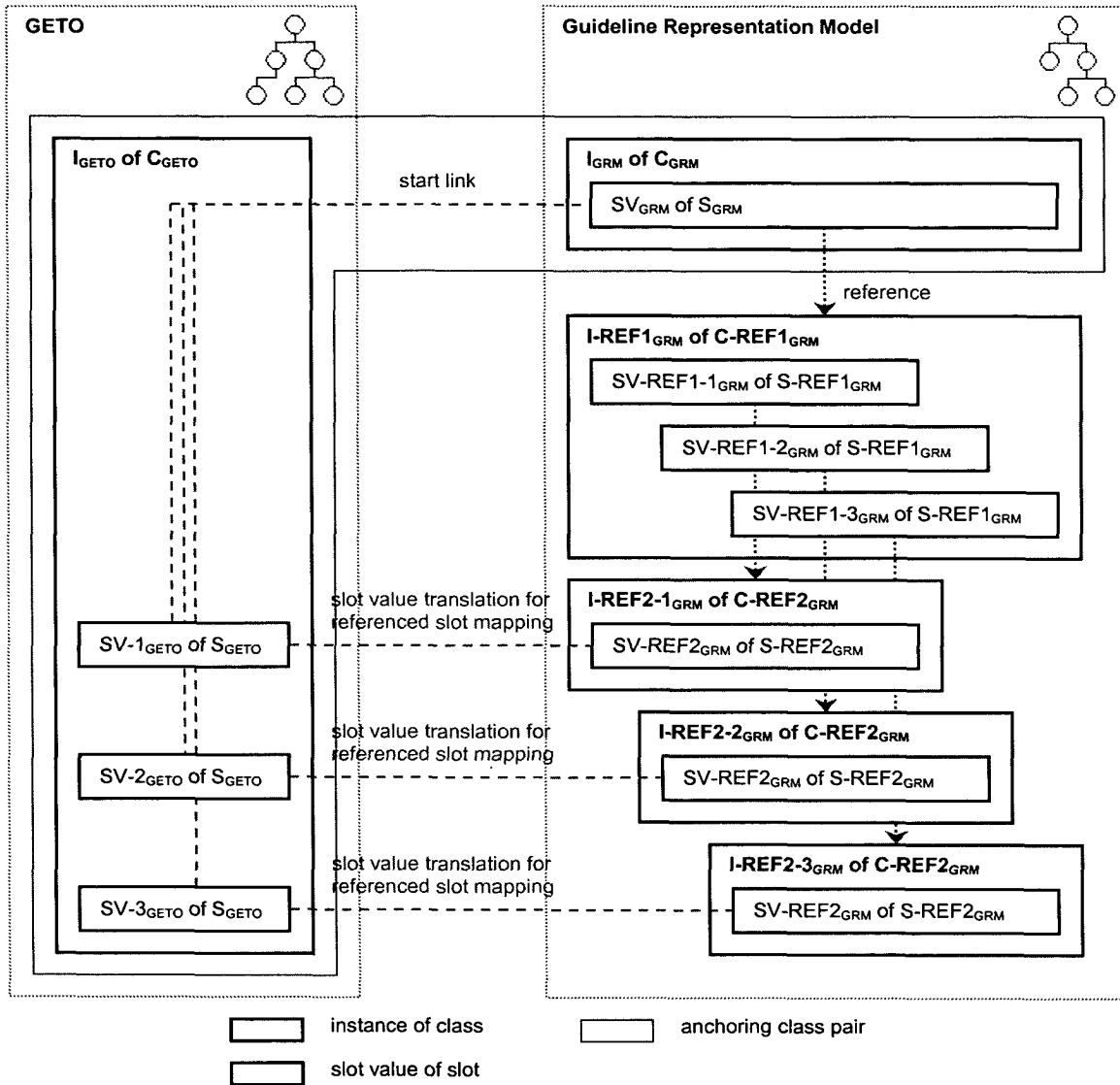


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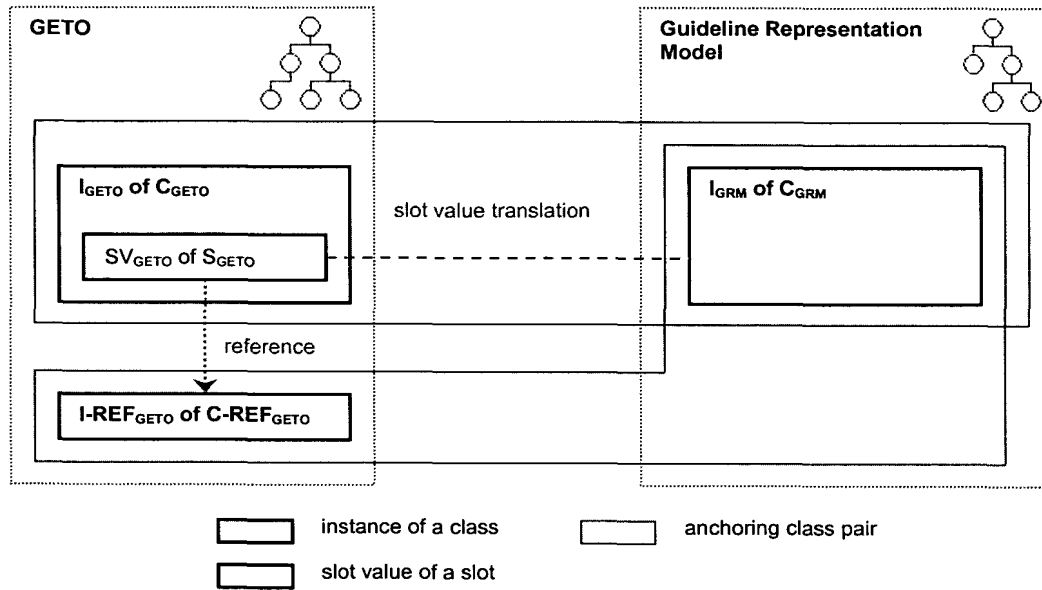


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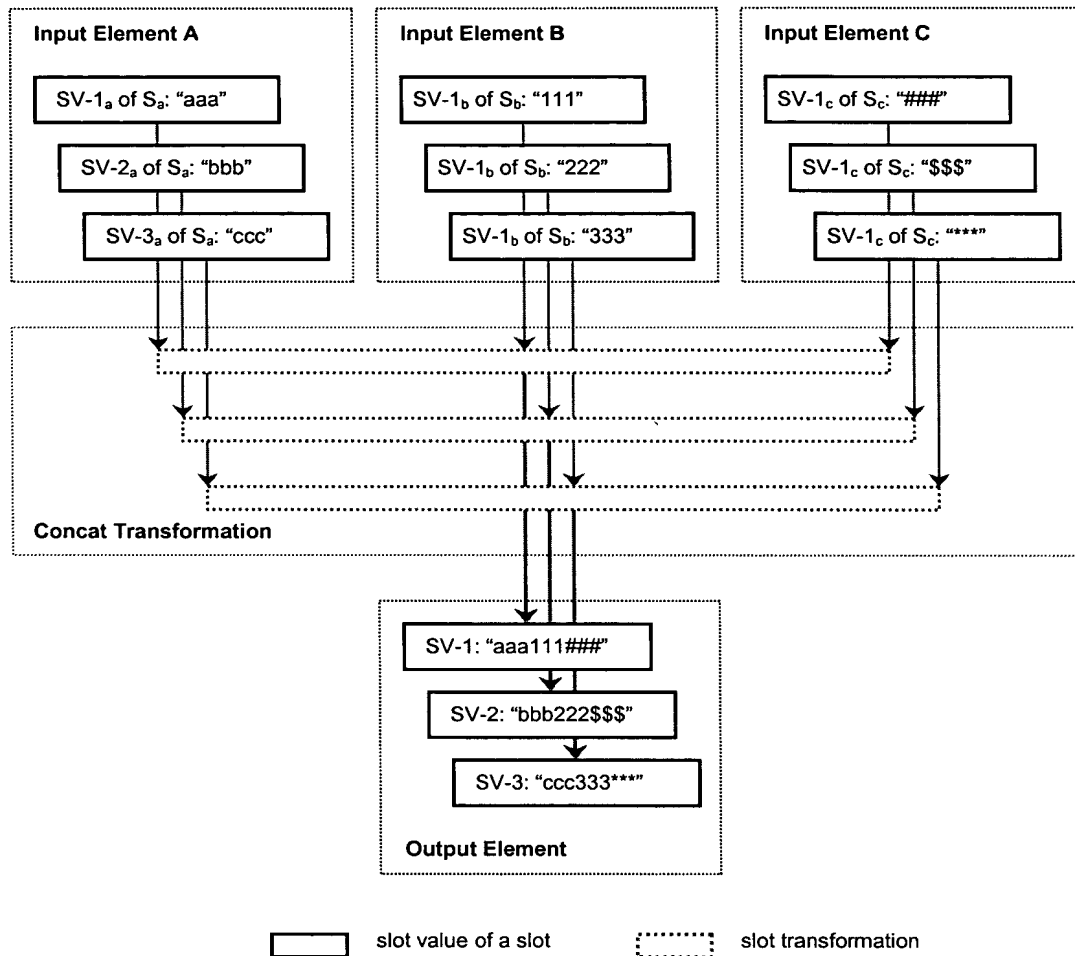


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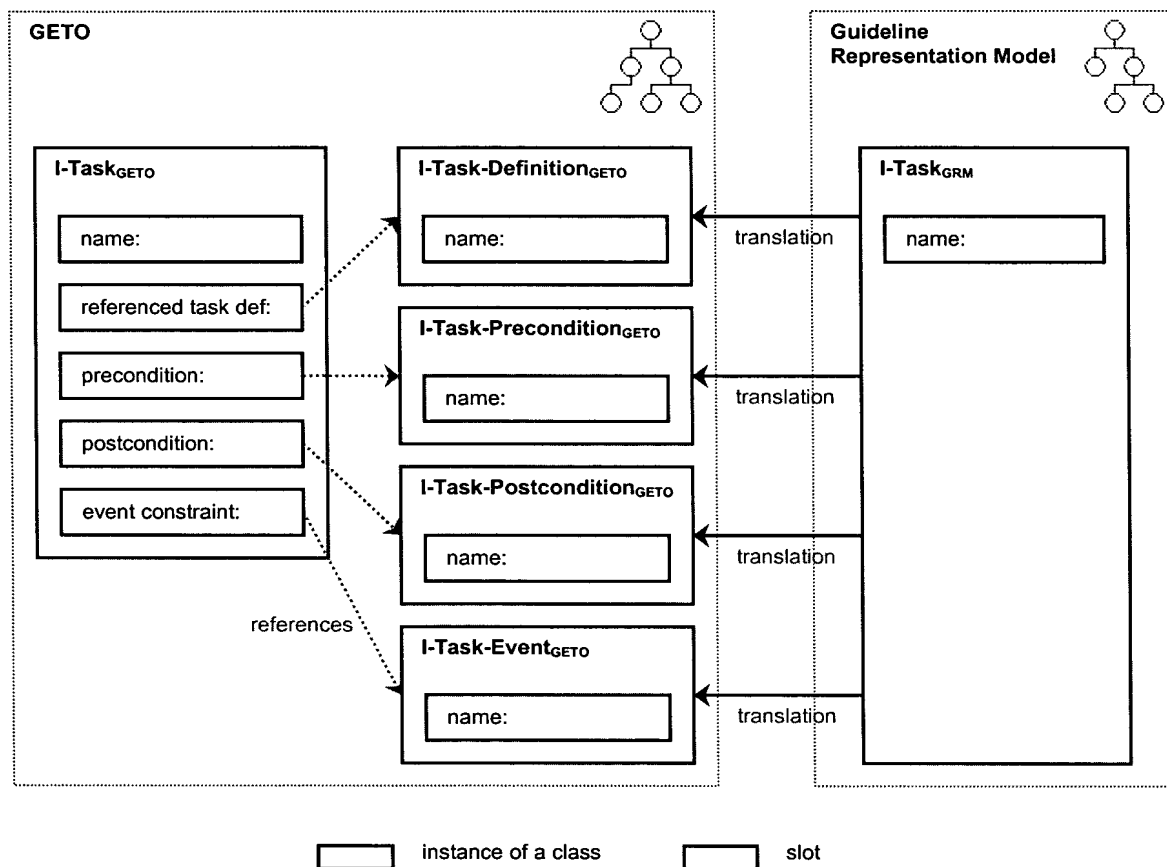


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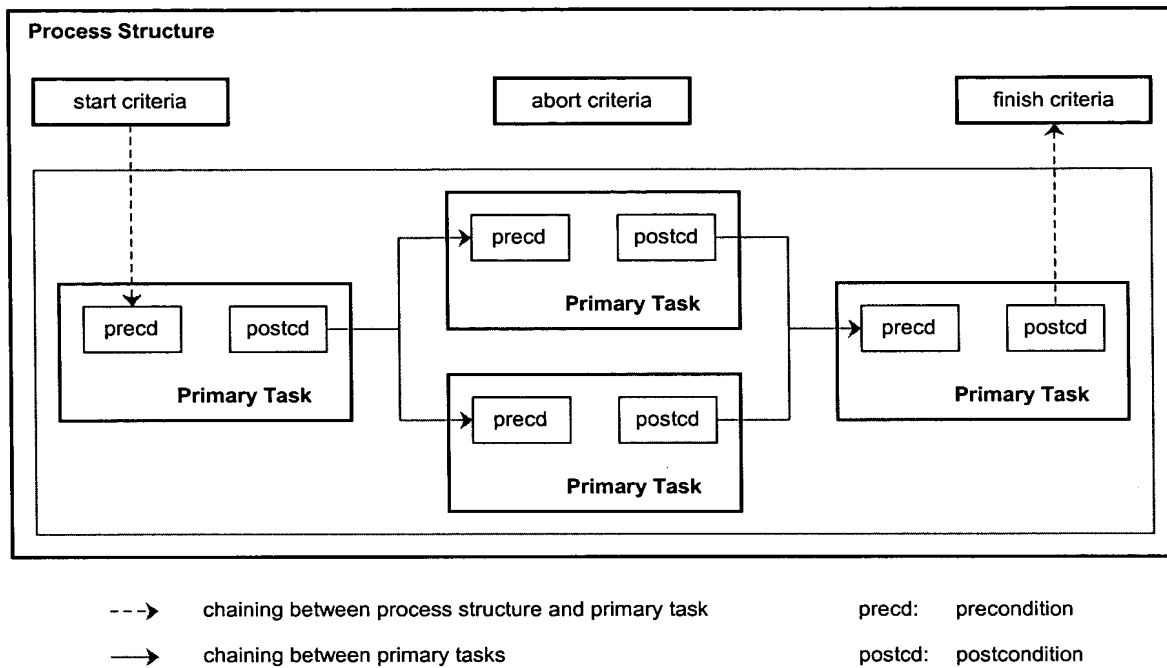


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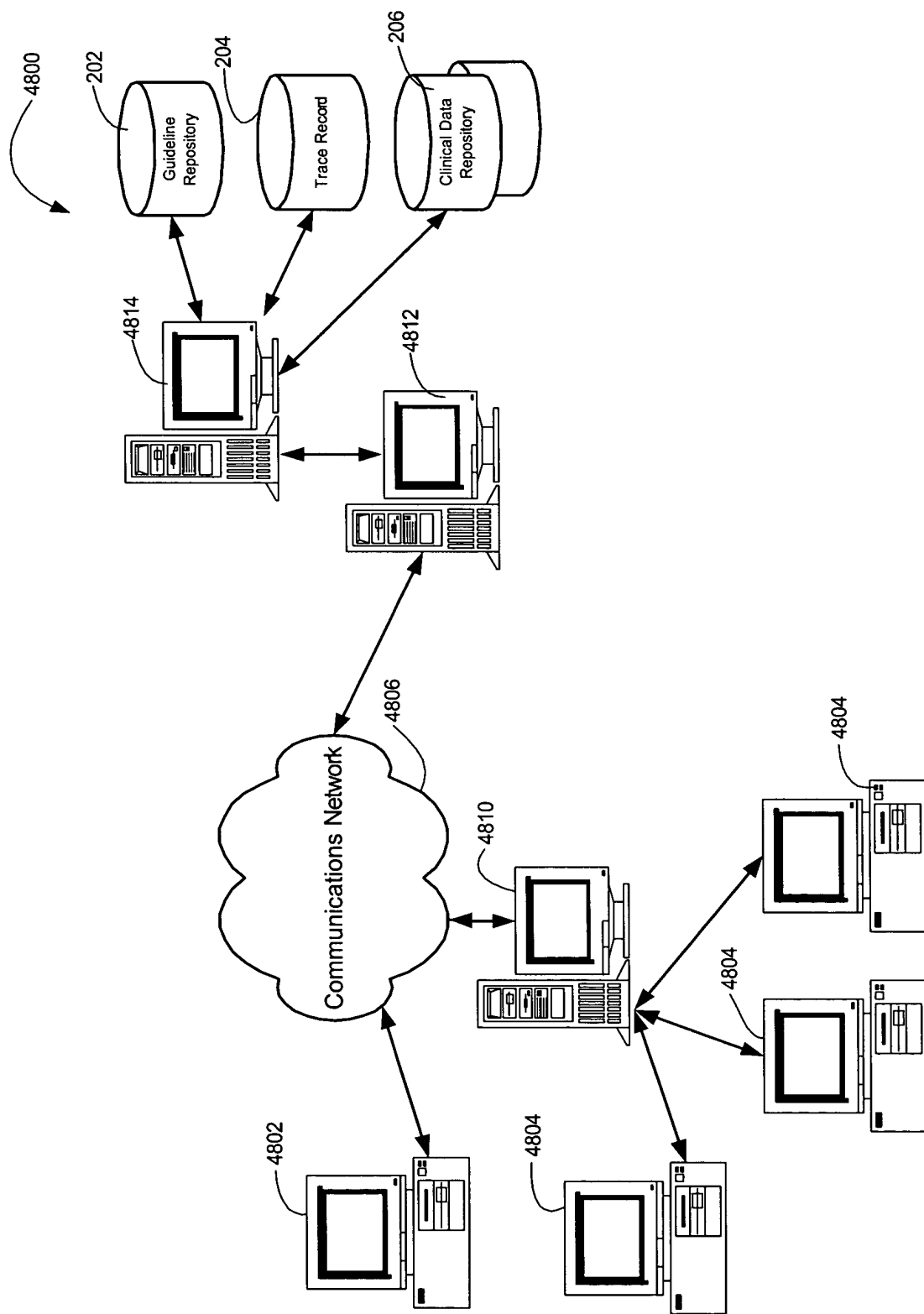


Fig. 48